

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICETTY DOCKET NO.  
KD-28,030

SERIAL NO.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
LIST OF ITEMSApplicant  
James Norman Cawse, et al

Filing Date

Group  
163110/25/00  
09/696071  
10/25/00  
10/25/00

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
S	A1	5,621,665	4/15/97	Ghosh, et al	364	532
	A2					
	A3					
	A4					
	A5					

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	B1					
	B2					

## OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc )

C1	Reddington, E., Sapienza, A. Guru, B. Viswanathan, R., Sarangapani, S., Smotkin, ES, Mallouk, TE. Combinatorial Electrochemistry: A Highly Parallel, optical Screening Method for Discovery of Better Electrocatalysts. Volume 280, pages 1735-1737, Science 1998
C2	Senkan, S., Krantz, K., Oztrurk, S., Zengin, V., Onal, I. High-Throughput Testing of Heterogeneous Catalyst Libraries Using Array Microreactors and Mass Spectrometry, Angew. Chem. Int. Ed., Vol. 38, pages 2794-2803 (1999).
C3	Cong, P., Doolen, RD, Fan, Q. Giaquinta, DM, Guan, S, McFarland, EW, Poojary, DM, Self, K., Turner, HW, Weinberg, H., High-throughput Synthesis and Screening of Combinatorial Heterogeneous Catalyst Libraries, Angew. Chem. Int. Ed., Volume 38, pages 484-488 (1999).
C4	Jandeleit, B., Schaefer, DJ, Powsers, TS, Turner, HW, Weinbert, WH, Combinatorial Materials Science and Catalysis, Angew. Chem. Int. Ed, Volume 38, pages 2495-2532 (1999).
C5	
C6	
C7	
C8	

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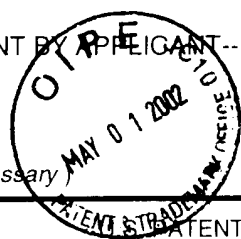
RD-28,030

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
CS	AA 6044212	03/28/00	Flavin et al.	395	502.27	
↓	AB 5901069	05/04/99	Agrafiotis et al.	364	528.03	
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES No
CS	AI 0023921	04/27/00	International Application WIPO	102	19	
	AM					
	AN					
	AO					
	AP					

## OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

CS	AR	J.M. Newsam: "Design of Catalysts and Catalyst Libraries Computational Techniques in High Throughput Experimentation for Catalysis", NATO ASI Series. Series C: Mathematical and Physical Sciences, 1999, pp. 301-335, XP000987013, Dordrecht, NL
I	AS	D. Wolf et al.: "An Evolutionary Approach in the Combinatorial Selection and Optimization of Catalytic Materials", Applied Catalysis A: General, Vol. 200, No. 1-2, 8/28/00, pp. 63-77, XP004272448, Amsterdam, NL
	AT	<del>U. Rodemerck et al.: "Parallelisierte Synthesen Und Schnelle Katalytische Testung von Katalysator Bibliotheken Fuer Oxidationsreaktionen", Chemie. Ingenieur. Technik, Vol. 71, No. 8, 8/99, pp. 873-877, XP000853115, Weinheim, DE</del>

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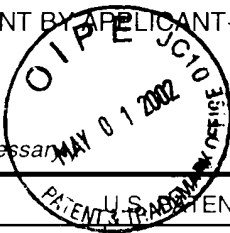
Applicant

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## U.S. PATENT DOCUMENTS

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	BA					
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	BL					
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	BO					
	BP					

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## OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

CS	BR	H. Okamoto et al.: "Design of a Robotic Workstation for Automated Organic Synthesis", Laboratory Robotics and Automation, Vol. 12, 2000, pp. 2-11, XP000921009, New York, USA
	BS	Hau Du et al.: "An Automated Microscale Chemistry Workstation Capable of Parallel, Adaptive Experimentation", Chemometrics and Intelligent Laboratory Systems, Vol. 48, No. 2, 8/2/99, pp. 181-203, XP004171920, Amsterdam, NL
	BT	H. Van de Waterbeemd et al.: "Glossary of Terms used in Computational Drug Design", Compendium of Chemical Terminology, International Union of Pure & Applied Chemistry (IUPAC) Recommendations, Oxford, Blackwell Scientific, 1987, pp. 1137-1152, XP000770841,

EXAMINER

DATE CONSIDERED

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION No
	CL					
	CM					
	CN					
	CO					
	CP					

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## OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

CS	CR	P.Y. Kuo et al.: "A planning module for performing grid search, factorial design, and related combinatorial studies on an automated chemistry workstation", Chemometrics and Intelligent Laboratory Systems, Vol. 48, No. 2, 8/2/99, pp. 219-234, XP004171922, Absterdam, NL
	CS	
	CT	

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DATE CONSIDERED

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RD-28030

09/696,070

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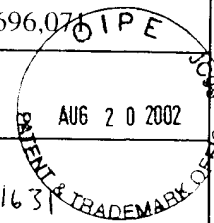
James N. Cawse et al.

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LIST OF ITEMS

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	AL					
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SEP 10 2002  
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OTHER INFORMATION (Including Author, Title, Date, Pertinent pages, Etc.)

CS	AR	Wolf et al., "An Evolutionary Approach in the Combinatorial Selection and Optimization of Catalytic Materials", Applied Catalysis A: General 200, 63-77 (2000)
	AS	
	AT	

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